

## XP-002251220

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AN - 1990-185926 [25]

A - [001] 014 034 037 04- 040 041 046 052 06- 066 067 074 075 076 077 081  
 086 09- 104 105 106 134 155 157 230 231 240 244 245 250 252 259 27&  
 27- 28& 316 334 368 371 376 392 393 397 398 402 408 409 414 427 436  
 456 463 473 479 50& 512 52& 532 533 535 537 57- 611 679 688 720 722  
 724 726

AP - AU19890041020 19890901

CPY - KYOY

DC - A97 C03 P13

DR - 1740-U 1842-U

FS - CPI;GMPI

IC - A01G1/00 ; C09K17/00

IN - AOYAMA K; SHIRAI R

KS - 0003 0031 0038 0044 0218 0231 0264 0402 0403 0404 0409 0410 0411 0412  
 0493 0494 0500 0501 0612 0613 0619 0621 0787 0789 1214 1215 1417 1989  
 2007 2008 2020 2022 2318 2329 2335 2336 2344 2364 2386 2393 2467 2504  
 2509 2542 2544 2559 2575 2690 3002 3060 3061 3198 3250

MC - A09-A A12-W04B C04-C02A2 C04-C02B C04-C03B C04-D02 C12-M11D C12-N08

M1 - [01] M423 M430 M782 M903 P123 P126 P127 R032 V793; 1327-U 0502-U

- [02] F012 F015 F422 H181 H401 H481 H713 H714 H721 J011 J171 J271 J522  
 L722 L930 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222 M231 M232  
 M233 M262 M272 M273 M280 M281 M283 M312 M320 M321 M332 M342 M383 M391  
 M423 M430 M510 M520 M521 M530 M540 M782 M903 P123 P126 P127 R032 V712  
 V722 V743; 1327-U 0502-U

- [03] H401 H7 H714 H721 J011 J171 J271 J371 M210 M211 M212 M213 M214  
 M215 M216 M220 M221 M222 M231 M232 M233 M262 M272 M281 M320 M423 M430  
 M510 M520 M530 M540 M630 M782 M903 P123 P126 P127 R032 V742 V743;  
 1327-U 0502-U

PA - (KYOY ) KYORITSU YUKI CO LTD

PN - AU4102089 A 19900503 DW199025 000pp

- JP2113826 A 19900426 DW199025 000pp

PR - JP19880267108 19881025

XA - C1990-080597

XIC - A01G-001/00 ; C09K-017/00

XP - N1990-144675

AB - AU8941020 Prodn. of plant growth media is effected by (a) granulating moist soil together with 0.1-10wt.% (dry basis) of a water-absorbing resin (I) and 0.1-10wt.% (dry basis) of a water-soluble organic polymer (II), and (b) drying the granules.

- The soil is pref. a clay soil comprising at least 50wt.% of particles with a dia. of 0.01mm or less. (I) is a crosslinked polymer selected from (meth)acryloyloxyethyl trialkylammonium salt polymers, polyacrylate salts, carboxymethyl cellulose, vinyl alcohol/acrylate salt copolymers, isobutylene/maleic anhydride salt copolymers, and starch/acrylate salt graft copolymers. (II) is pref. a polyacrylate salt, partially hydrolysed polyacrylamide or polyvinyl alcohol.

- ADVANTAGE - The granules maintain good water retention, air permeability and physical strength for long periods. (24pp Dwg.No.0/0)

DRL - 1327-U 0502-U

IW - GRANULE PLANT GROWTH MEDIUM PRODUCE SOIL WATER ABSORB RESIN WATER SOLUBLE POLYMER

IKW - GRANULE PLANT GROWTH MEDIUM PRODUCE SOIL WATER ABSORB RESIN WATER  
SOLUBLE POLYMER

INW - AOYAMA K; SHIRAI R

NC - 002

OPD - 1988-10-25

ORD - 1990-04-26

PAW - (KYOY ) KYORITSU YUKI CO LTD

TI - Granular plant growth media prodn. - from soil, water-absorbing resin  
and water-soluble polymer

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